

**REMARKS**

Please reconsider the application in view of the above amendments and the following remarks. Applicant thanks the Examiner for carefully considering this application.

**Disposition of Claims**

Claims 1-5 and 7-27 are currently pending in this application. Claim 8 has been canceled by this reply, without prejudice or disclaimer. Claims 1, 7, 15, and 24 are independent. The remaining claims depend, directly or indirectly, from claims 1, 7, 15, and 24.

**Request for Examiner Interview**

Applicant respectfully requests an Examiner Interview to discuss the referenced application at a date and time convenient for all parties, including the Examiner and the Examiner's supervisor. An Applicant Initiated Interview Request Form is enclosed with this submission.

**Claim Amendments**

The independent claims of the present invention have been amended to recite that the wireless server includes a service (*i.e.*, automatic client type detection logic) that includes functionality to detect a particular class of a wireless client from the plurality of classes of wireless clients. No new subject matter is added by way of these amendments. Support for these amendments may be found, for example, in original dependent claim 8 of the present invention, and on page 1, lines 4-7 of the Instant Specification, which references Patent Application Serial No. 09/929,477, filed on August 13, 2001, and incorporated by reference into the present application.

**Rejection(s) under 35 U.S.C. § 102**

Claims 1-5, 7, 8, 15-18, and 24-26 stand rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,219,790 ("Lloyd"). Claim 8 has been canceled by this reply. Thus, this rejection is now moot with respect to claim 8. To the extent that this rejection may still apply to the remaining amended claims, this rejection is respectfully traversed.

As described above, the independent claims of the present invention have been amended to recite an "automatic client type detection logic" that is part of the services provided by the wireless server. The automatic client type detection logic is configured to automatically detect specific attributes of a wireless client from service requests directed to the wireless server (*see* Application Serial No. 09/929,477, paragraphs [0049] and [0050]).

The Examiner asserts that Lloyd discloses the limitations of the amended independent claims in col. 7, ll. 56-67. Applicant respectfully disagrees. The cited portion of Lloyd discloses that client requests are represented as fixed attribute/value pairs (tuples). Multiple such tuples form a tuple vector (*see* Lloyd col. 7, ll. 58-59). Lloyd discloses that the tuple vector consists of tuples that describe the client type, the user ID and password, the service selection the service request, the calling telephone number and the called telephone number (*see* Lloyd col. 7, ll. 60-63). While the client requests (*i.e.*, the tuples) contain information associated with the client, Lloyd fails to disclose or suggest detection of a particular client type automatically in response to the client requests as explicitly recited in the claims. In fact, Lloyd explicitly states that the client type is provided within the tuple vector, leaving no room for the system in Lloyd to "figure out" the particular client type *automatically*. Said another way, because the system of Lloyd is provided with the client type directly from the client, there is nothing left for the system to *detect*. The only way Lloyd could arguably be considered to teach the recited claims is for the

Examiner to read out the express limitation of the claim requiring detection in response to a request or mischaracterizing the prior art, both of which are wholly improper.

In contrast, in the present invention, a particular type of wireless client from the plurality of classes of wireless clients is *automatically detected* by examining the hypertext transport protocol (HTTP) header from the client's request (*see* Application Serial No. 09/929,477, paragraph [0049]). The HTTP header does not include the client type within the header. Rather, the client type is automatically detected using the information within the HTTP header.

Further, Lloyd fails to disclose or suggest a client detection logic that is part of the client aware authentication system. In fact, Lloyd does not even mention a logic that is capable of automatically detecting a particular type of wireless clients from a plurality of classes of wireless clients. In addition, Lloyd fails to disclose or suggest using unique authentication parameters including a browser type executing on the wireless client, a version of the browser executing on the wireless client, or a bandwidth of the wireless client to authenticate a particular class of wireless clients. In fact, Lloyd only discloses that a client's browser type is one of the pieces of information that may be used to authenticate a client, but fails to mention the authentication parameters recited in the amended independent claims.

In view of the above, it is clear that Lloyd fails to disclose or suggest each and every limitation of the amended independent claims. Thus, amended independent claims 1, 7, 15, and 24 are patentable over Lloyd. Dependent claims 2-5, 16-18, and 25-26 are patentable for at least the same reasons. Accordingly, withdrawal of this rejection is respectfully requested.

**Rejection(s) under 35 U.S.C. § 103**

Claims 9-12 and 19-23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Lloyd in view of U.S. Patent No. 6,606,663 ("Liao"). To the extent that this rejection may still apply to the amended claims, this rejection is respectfully traversed.

As described above, Lloyd fails to disclose or suggest the limitations of the amended independent claims. Further, Liao fails to supply that which Lloyd lacks. Liao discloses a credential caching proxy server that handles credential caching for a set of wireless client devices (*see* Liao, Abstract). Liao fails to disclose or suggest a client detection logic configured to automatically detect a particular wireless client type from amongst several classes of wireless clients, as recited in the claims of the invention.

In view of the above, it is clear that the amended independent claims are patentable over Lloyd and Liao, whether considered separately or in combination. Further, dependent claims 9-12 and 19-23 are patentable for at least the same reasons. Accordingly, withdrawal of his rejection is respectfully requested.

Claims 13, 14, and 27 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Lloyd in view of "iPlanet Portal Server Administrator Guide" ("iPlanet") and further in view of "Chips aim to make passwords obsolete" Bloomberg News ("Bloomberg"). To the extent that this rejection may still apply to the amended claims, this rejection is respectfully traversed.

As described above, Lloyd fails to disclose or suggest the limitations of the amended independent claims. Further, iPlanet fails to supply that which Lloyd lacks, as evidenced by the fact that the Examiner relies on iPlanet solely for the purpose of disclosing a membership module, a safeword module, a S/key module, and an LDAP authentication module (*see* Office

Action mailed April 28, 2006, page 14). Further, the Examiner relies on Bloomberg solely for the purpose of disclosing a nopassword module (*see* Office Action mailed April 28, 2006, pages 14-15). Therefore, it follows that Bloomberg also fails to supply that which Lloyd and iPlanet lack.

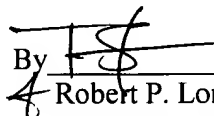
In view of the above, it is clear that the amended independent claims are patentable over Lloyd, iPlanet, and Bloomberg, whether considered separately or in combination. Further, dependent claims 13 and 14 are patentable for at least the same reasons. Accordingly, withdrawal of his rejection is respectfully requested.

#### **Conclusion**

Applicant believes this reply is fully responsive to all outstanding issues and places this application in condition for allowance. If this belief is incorrect, or other issues arise, the Examiner is encouraged to contact the undersigned or his associates at the telephone number listed below. Please apply any charges not covered, or any credits, to Deposit Account 50-0591 (Reference Number 03226/538001).

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Respectfully submitted,

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Attachment: Applicant Initiated Interview Request Form